

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| L1 | 241 | 257/75.ccls. 257/e51.006.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/11/04 08:23 |
| L2 | 4991 | 257/40.ccls. 257/66.ccls. 257/75.ccls. 257/347.ccls. 257/e51.006.ccls. 438/99.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/11/04 09:01 |
| L3 | 35 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) same (coalesc\$6 aggregat\$6 (structur\$6 near order\$6))) | US-PGPUB; USPAT | OR | ON | 2005/11/04 10:26 |
| L4 | 7 | (polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) same (coalesc\$6 aggregat\$6) same (structur\$6 near order\$6) | US-PGPUB; USPAT | OR | ON | 2005/11/04 09:16 |
| L5 | 49 | ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) and (coalesc\$6 aggregat\$6 (structur\$6 near order\$6))) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/04 09:18 |
| L6 | 140 | ((polythiophene ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) same (agitat\$6 stir\$6 sonicat\$6 homogen\$10)) same (gel\$6 coat\$5 deposit\$5 layer film) | US-PGPUB; USPAT | OR | ON | 2005/11/04 12:04 |
| L7 | 101 | (polythiophene ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) and (agitat\$6 stir\$6 sonicat\$6 homogen\$10) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/04 10:39 |
| L8 | 2 | (((((polymer with dissolv\$5) same (agitat\$6 stir\$6 sonicat\$6 homogen\$10)) same (temperature near2 (lower\$4 reduc\$6 decreas\$5 room))) same (coat\$5 deposit\$5 layer film)) same (gel\$6 near2 (avoid\$5 disrupt\$5 imped\$5 stop\$5 inhibit\$5))) | US-PGPUB; USPAT | OR | ON | 2005/11/04 10:42 |
| L9 | 216 | ((polymer with dissolv\$5 with (temperature heat\$5)) same ((agitat\$6 stir\$6 sonicat\$6 homogen\$10) with (temperature near2 (lower\$4 reduc\$6 decreas\$5 room)))) same (gel\$6 coat\$5 deposit\$5 layer film) | US-PGPUB; USPAT | OR | ON | 2005/11/04 10:43 |

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| L10 | 109 | ((polymer with dissolv\$5) and (agitat\$6 stir\$6 sonicat\$6 homogen\$10)) and (temperature near2 (lower\$4 reduc\$6 decreas\$5 room))) and (gel\$6 coat\$5 deposit\$5 layer film) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/04 10:53 |
| L11 | 27 | ((polymer with dissolv\$5 with (temperature heat\$5)) same ((sonicat\$6 homogen\$10) with (temperature near2 (lower\$4 reduc\$6 decreas\$5 room)))) same (gel\$6 coat\$5 deposit\$5 layer film) | US-PGPUB; USPAT | OR | ON | 2005/11/04 10:55 |
| L12 | 27 | ((polymer with dissolv\$5 with (temperature heat\$5)) same ((sonicat\$6 homogen\$10) with stir\$6 with (temperature near2 (lower\$4 reduc\$6 decreas\$5 room)))) | US-PGPUB; USPAT | OR | ON | 2005/11/04 10:59 |
| L13 | 49 | (polymer with dissolv\$5 with (temperature heat\$5)) same (water alcohol liquid) same ((coat\$5 deposit\$5 layer film) with spin\$6) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:02 |
| L14 | 16 | (polymer with thixotrop\$8 with gel\$8) same (agitat\$6 stir\$6 sonicat\$6 homogen\$10) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:07 |
| L15 | 71 | (polythiophene conjugat\$5 organiz\$6 "self-organizable") with (polyphosphazene phosphazene) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:11 |
| L16 | 208 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) with semiconductor) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:15 |
| L17 | 280 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) with semiconduct\$6) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:30 |
| L18 | 208 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) with semiconductor) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:47 |
| L19 | 280 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) with semiconduct\$6) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:47 |
| L20 | 72 | L19 not L18 | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:47 |

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| L21 | 35 | L2 and ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) same (coalesc\$6 aggregat\$6 (structur\$6 near order\$6))) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:51 |
| L22 | 246 | ((polythiophene p3ht ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) with (coalesc\$6 aggregat\$6 (structur\$6 near order\$6))) | US-PGPUB; USPAT | OR | ON | 2005/11/04 11:54 |
| L23 | 20 | ((polythiophene ((conjugat\$5 organiz\$6 "self-organizable") near polymer)) and (gel\$6 coalesc\$6 aggregat\$6) and (tft (semiconductor near2 (film layer)) (thin adj film adj transistor) (gate with (source drain electrode)))). clm. | US-PGPUB | OR | ON | 2005/11/04 12:09 |